

FIG.1

PACKET TRANSMISSION CONTROL SIGNAL
PACKET DATA
DL_TPC COMMAND
5 DEDICATED DATA CONTROL SIGNAL
SHARED CONTROL DATA
UL_TPC COMMAND
CONTROL SIGNAL (DL_TPC COMMAND, CQI, ACK/NACK, ETC.)
RECEIVED DATA
10 151 SCHEDULER
160 OFFSET

FIG.2

UL_TPC COMMAND
15 204 BUFFER
207 ERROR DETECTION
RECEIVING PACKET DATA
RECEIVED DATA
TRANSMITTING DATA
20 DL_TPC COMMAND

FIG.3

ACK/NACK SIGNAL
CQI SIGNAL
25 PACKET TRANSMISSION CONTROL SIGNAL
301 TRANSMISSION DESTINATION DETERMINER
302 MCS DETERMINER

303 PACKET QUALITY ESTIMATOR
304 TRANSMISSION POWER DETERMINER
305 HS-SCCH SIGNAL GENERATOR
TO BUFFER 152
5 TO MODULATOR 153
TO TRANSMISSION POWER CONTROLLER 154
TO AMPLIFIER 161

FIG. 4

10 BASE STATION APPARATUS
F402 MCS SELECTION
F407 PACKET QUALITY ESTIMATION (ESTIMATED FROM CQI)
F408 (RETRANSMISSION POWER DETERMINATION)
F409 PACKET #I (RETRANSMISSION)
15 COMMUNICATION TERMINAL APPARATUS
F404 DECODING

FIG. 5

PACKET TRANSMISSION POWER (BASE STATION APPARATUS)
20 PACKET #I
CIR (COMMUNICATION TERMINAL APPARATUS)

FIG. 6

ACK/NACK SIGNAL
25 CQI SIGNAL
PACKET TRANSMISSION CONTROL SIGNAL
301 TRANSMISSION DESTINATION DETERMINER

302 MCS DETERMINER
 303 PACKET QUALITY ESTIMATOR
 304 TRANSMISSION POWER DETERMINER
 305 HS-SCCH SIGNAL GENERATOR
 5 TO BUFFER 152
 TO MODULATOR 153
 TO TRANSMISSION POWER CONTROLLER 163
 TRANSMISSION POWER CONTROLLER 154
 TO AMPLIFIER 161
 10
FIG. 7
 ACK/NACK SIGNAL
 CQI SIGNAL
 PACKET TRANSMISSION CONTROL SIGNAL
 15 301 TRANSMISSION DESTINATION DETERMINER
 302 MCS DETERMINER
 303 PACKET QUALITY ESTIMATOR
 304 TRANSMISSION POWER DETERMINER
 305 HS-SCCH SIGNAL GENERATOR
 20 701 CODING PRIORITY DETERMINER
 TO BUFFER 152
 MODULATOR 153
 TRANSMISSION POWER CONTROLLER 154
 AMPLIFIER 161

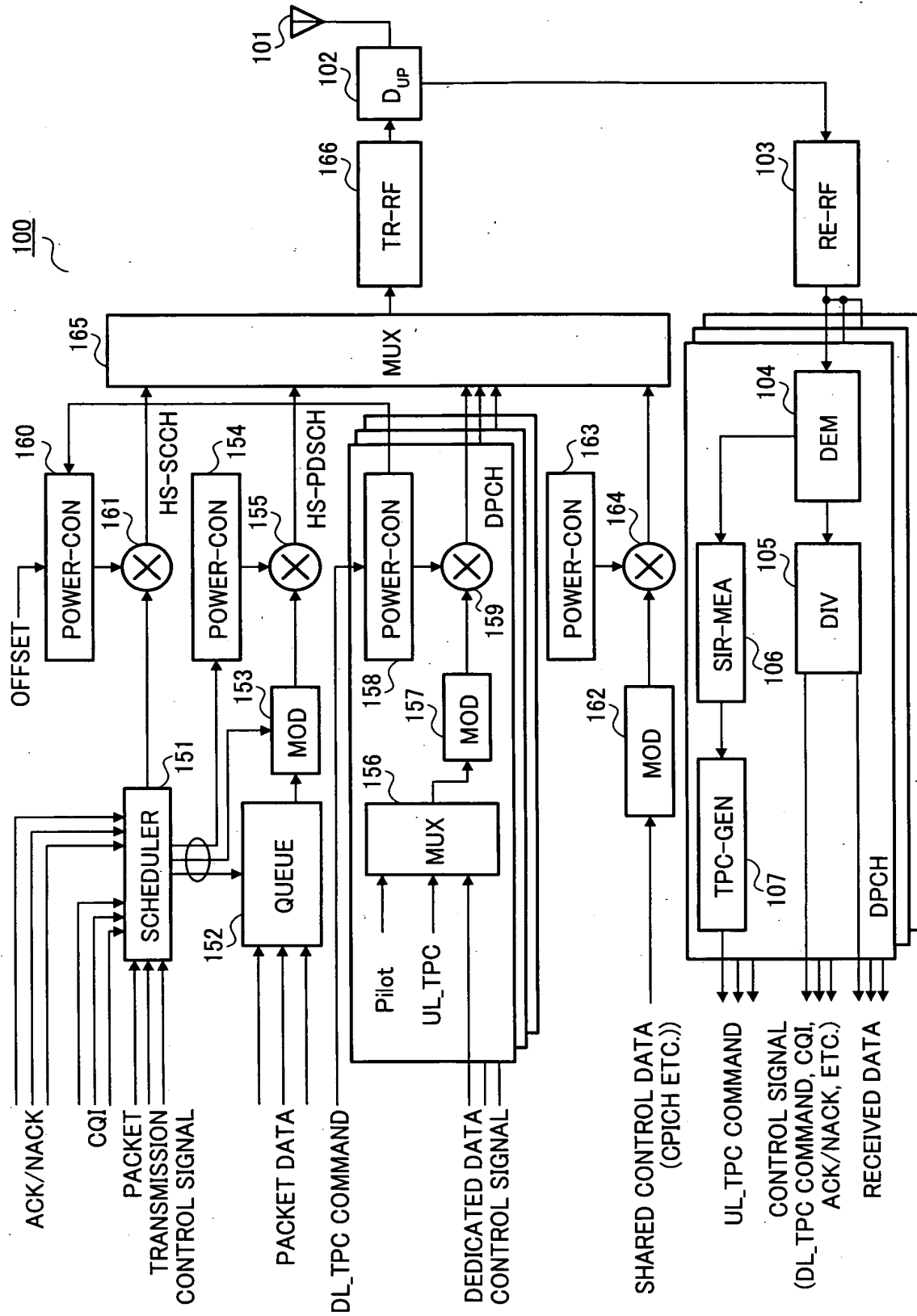


FIG. 1

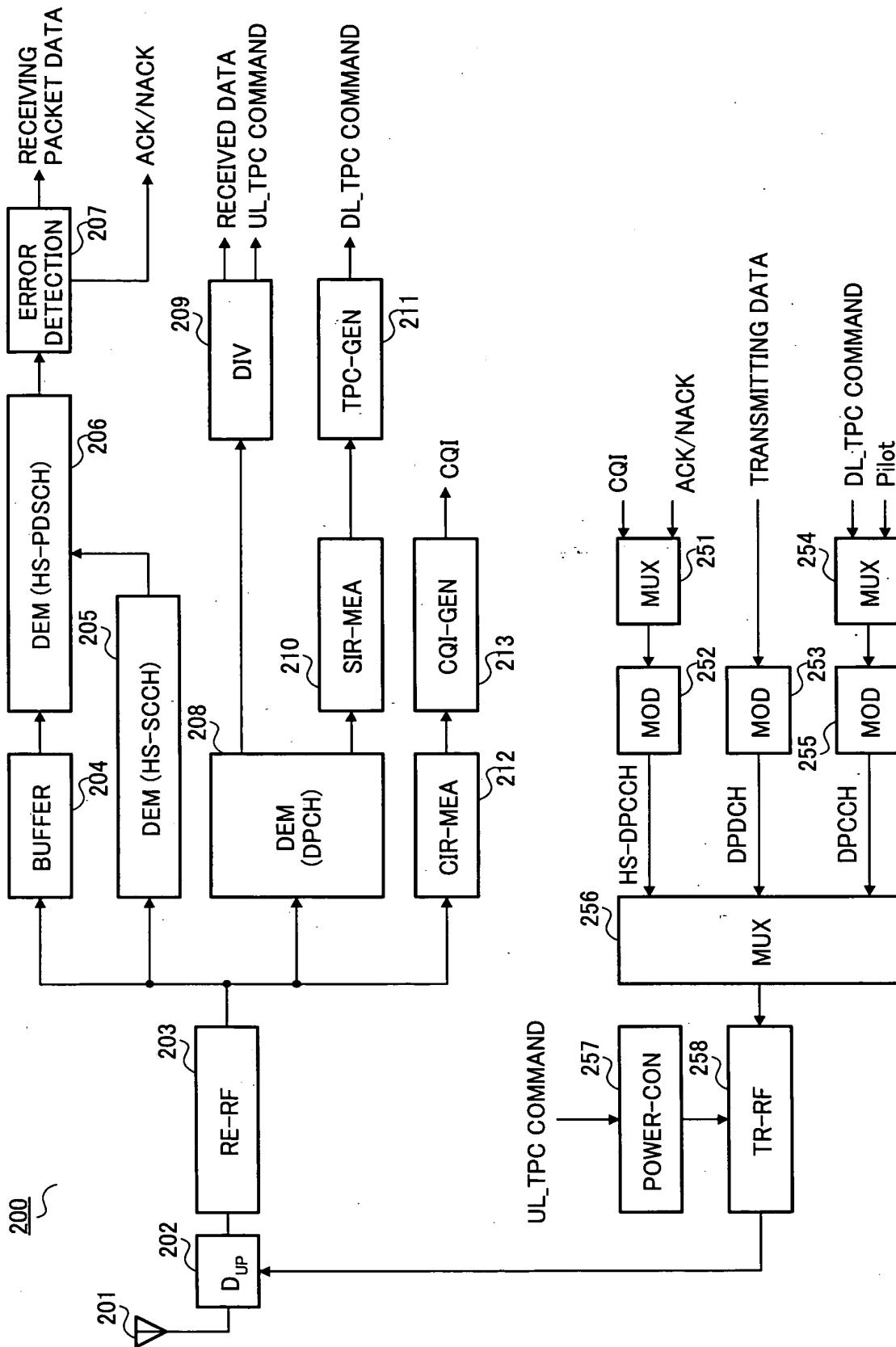


FIG.2

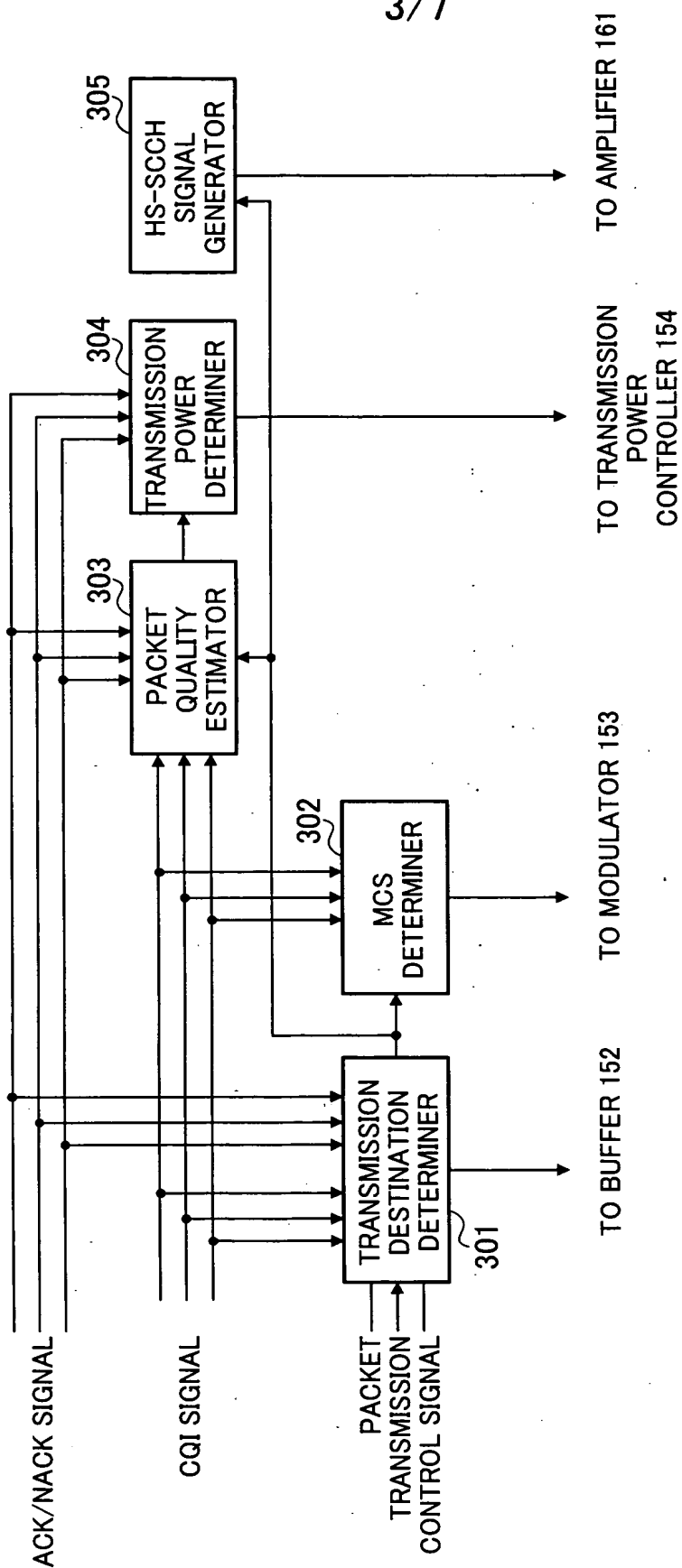


FIG.3

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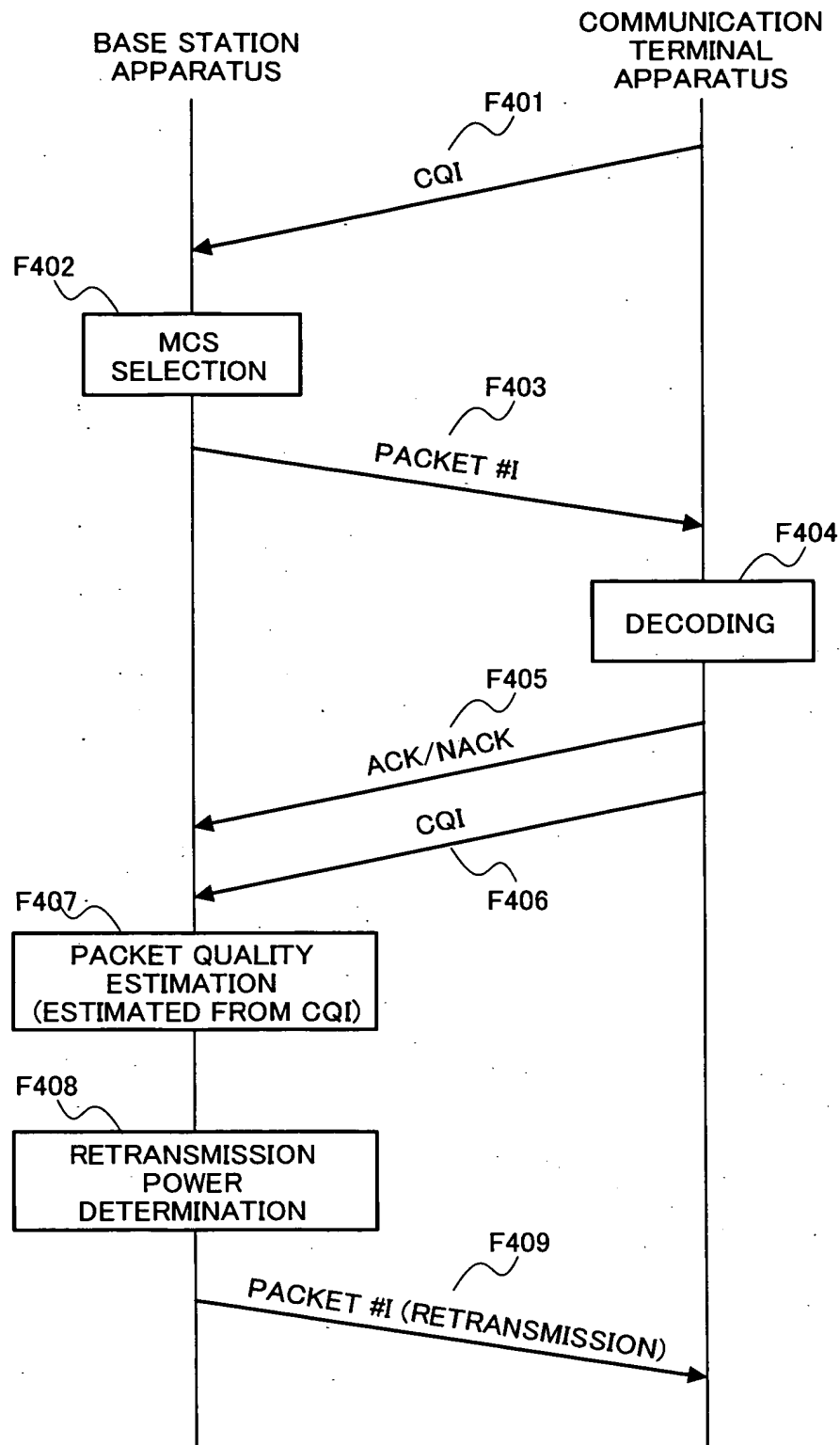


FIG.4

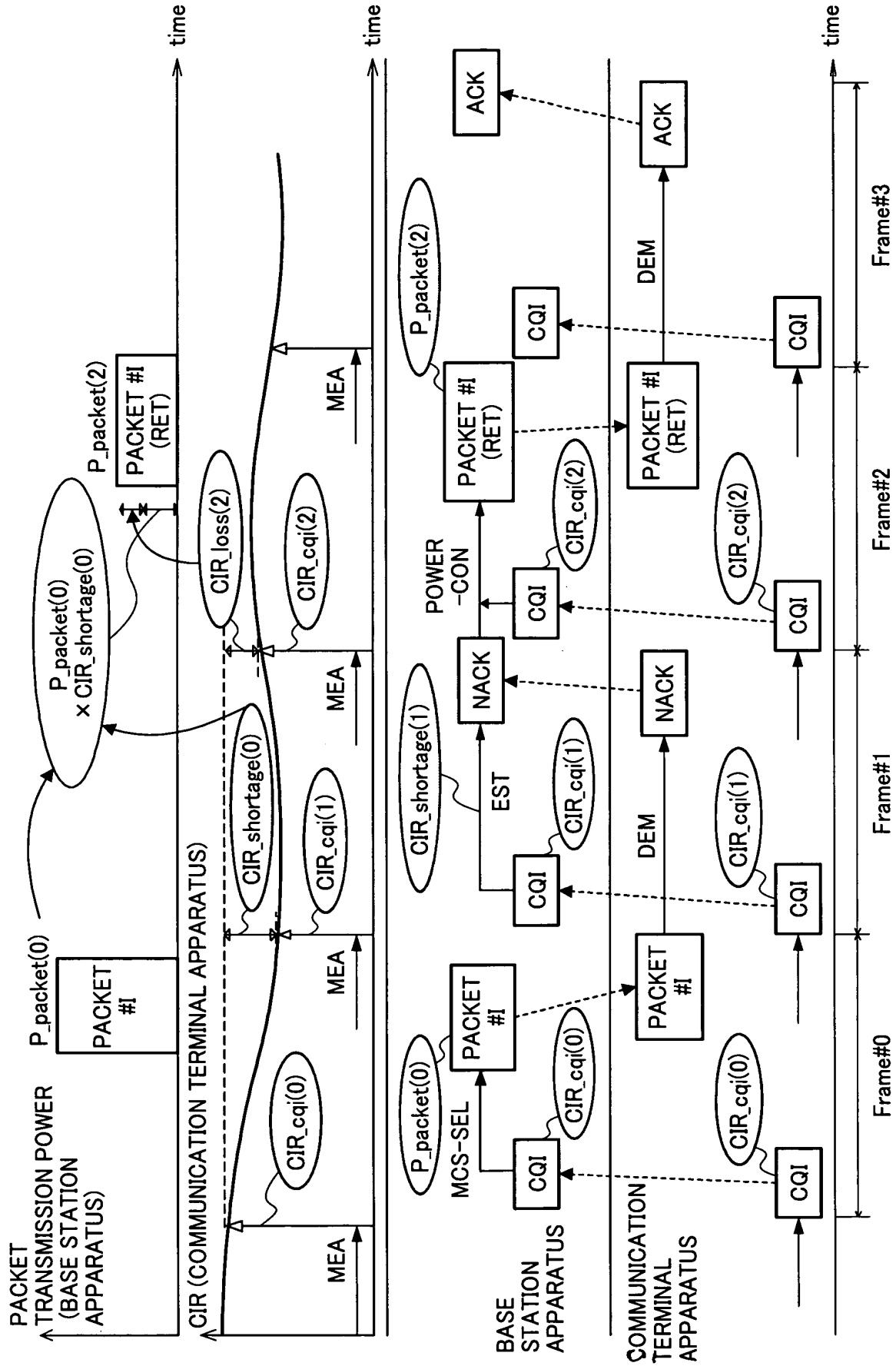


FIG. 5

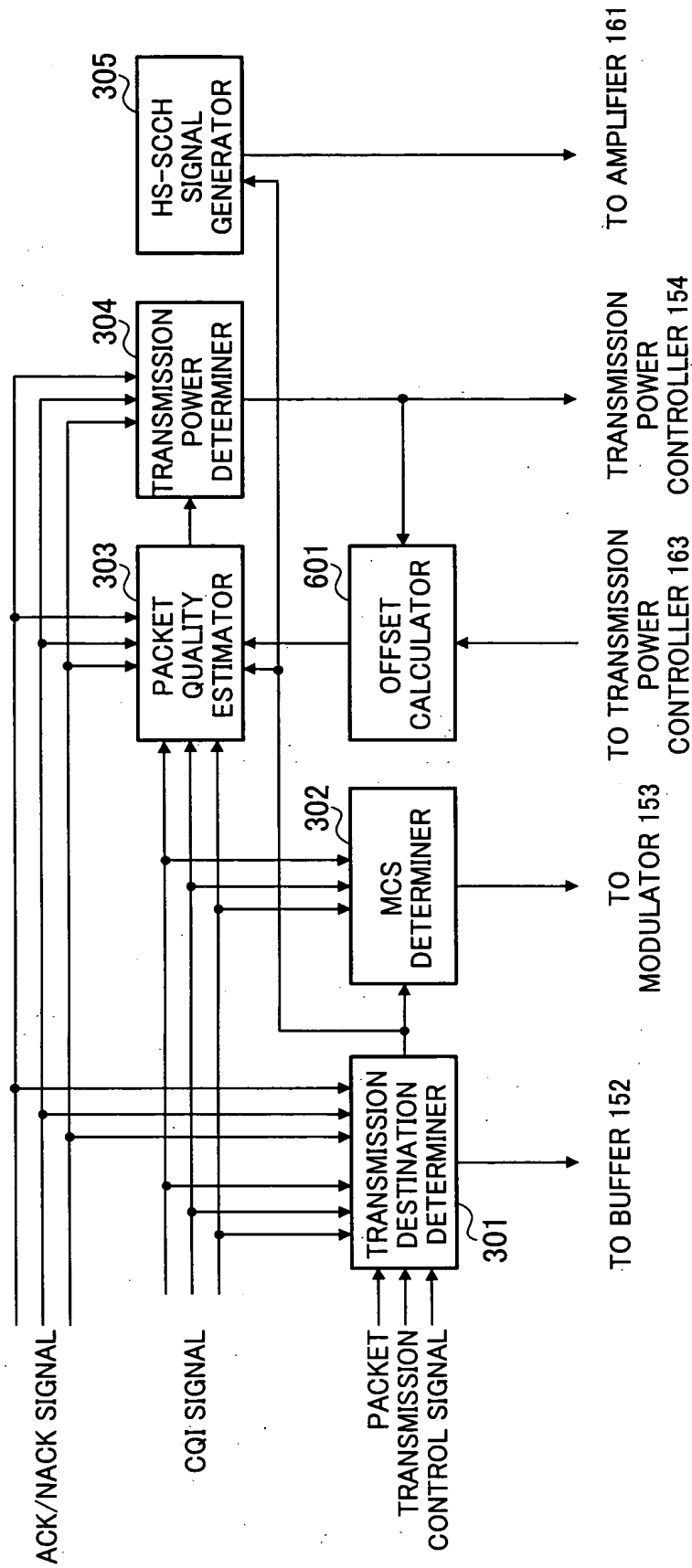


FIG. 6

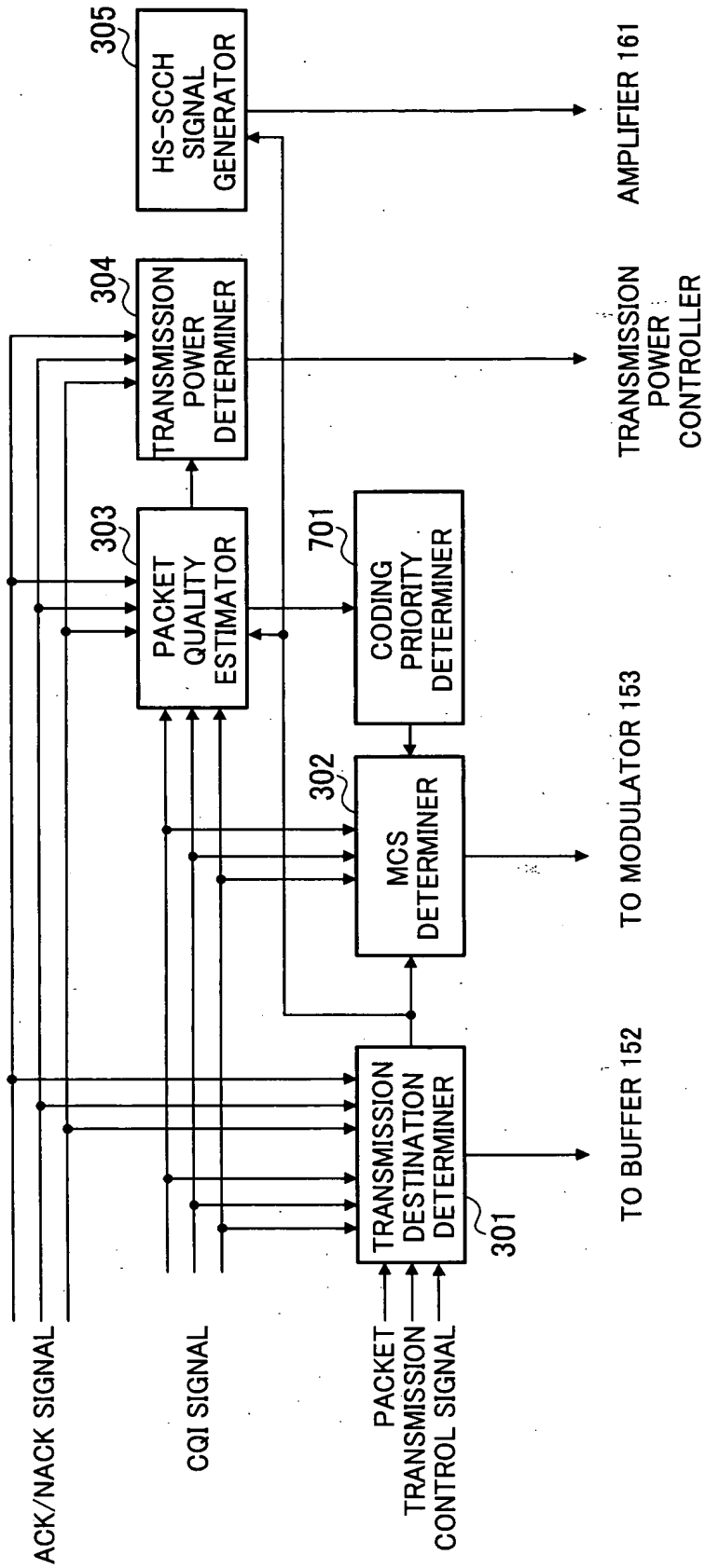


FIG. 7